



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. 3DP-0544	Application No. 10/785,436
		Applicant Barry A. Springer, et al.	
		Filing Date February 23, 2004	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CS	1	Ago, H. et al., "Crystal Structure of Basic Fibroblast Growth Factor at 1.6 A Resolut'on", <i>J. Biochem</i> , 1991, 110, 360-363	
CS	2	Arakawa, T. et al., "Characterization of a Cysteine-Free Analog of Recombinant Human Basic Fibroblast Growth Factor", <i>Biochem. Biophys. Comm.</i> , 1989, 161(1), 335-341	
CS	3	Arakawa, T. et al., "The Importance of Arg40 and 45 in the Mitogenic Activity and Structural Stability of Basic Fibroblast Growth Factor-Effects of Acidic Amino Acid Substitutions", <i>J. Prot. Chem.</i> , 1995, 14(5), 263-274	
CS	4	Basilico, C. et al., "The FGF Family of Growth Factors and Oncogenes", <i>Adv. Canc. Res.</i> , 1992, 59, 115-165	
CS	5	Blaber, M. et al., "X-ray Crystal Structure of Human Acidic Fibroblast Growth Factor", <i>Biochemistry</i> , 1996, 35(7), 2086-2094	
CS	6	Bowie, J. et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", <i>Science</i> , 1990, 247, 1306-1310	
CS	7	Burgess, W.H. et al., "Possible Dissociation of the Heparin-Binding and Mitogenic Activities of Heparin-Binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-b-Inding Activities by Site-directed Mutagenesis of a Single Lysine Residue", <i>J. Cell. Biol.</i> , 1990, 111, 2129-2138	
CS	8	Burgess, W.H. et al., "Structure-function Studies of FGF-1: Dissociation and Partial Reconstitution of Certain of its Biological Activities", <i>Molec. Reprod. Devel.</i> , 1994, 39: 56-61	
CS	9	Cheng, H. et al., "Spinal Cord Repair in Adult Paraplegic Rats: Partial Restoration of Hind Limb Function", <i>Science</i> , 1996, 275, 510-513	
CS	10	Copeland, R.A. et al., "The Structure of Human Acidic Fibroblast Growth Factor and Its Interaction with Heparin", <i>Arch. Biochem. Biophys.</i> , 1991, 289(1), 53-61	
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CS	11	Cunningham, et al., "High-Resolution Epitope Mapping of hGH-Receptor Interacting by Scanning Mutagenesis", <i>Science</i> , June 1989 , 244, 1081-1085	
CS	12	Eriksson, A.E. et al., "Three-Dimensional Structure of Human Basic Fibroblast Growth Factor", <i>Proc. Natl. Acad. Sci.</i> , 1991 , 88, 3441-3445	
CS	13	Eriksson, A.E. et al., "Refinement of the Structure of Human Basic Fibroblast Growth Factor at 1.6 A Resolution and Analysis of Presumed Heparin Binding Sites by Selenate Substitution", <i>Prot. Natl. Sci.</i> , 1993 , 2, 1274-1284	
CS	14	Faham, S. et al., "Heparin Structure and Interactions with Basic Growth Factor", <i>Science</i> , 1996 , 271, 1116-1120	
CS	15	Fox, G.M. et al., "Production, Biological Activity and Structure of Recombinant Basic Fibroblast Growth Factor and a Analog with Cysteine Replaced by Serine", <i>J. Biol. Chem.</i> , 1988 , 263(34), 18452-18458	
CS	16	Friedman, S. et al., "Mutagenesis of the Nuclear Localization Sequence in FGF-1 Alters Protein Stability but not Mitogenic Activity", <i>Biochem. Biophys. Res. Comm.</i> , 1994 , 198(3), 1203-1208	
CS	17	Harper, J.W. et al., "Reductive Methylation of Lysine Residues in Acidic Fibroblast Growth Factor: Effect on Mitogenic Activity Heparin Affinity", <i>Biochemistry</i> , 1988 , 27, 671-678	
CS	18	Heath, W.F. et al., "Mutations in the Heparin-Binding Domains of Human Basic Fibroblast Growth Factor Alter its Biological Activity", <i>Biochemistry</i> , 1991 , 30, 5608-5615	
CS	19	Henderson, B. et al., "Therapeutic Potential f Cytokine Manipulation", <i>TIPS</i> , 1992 , 13, 145-152	
CS	20	Imamura, T. et al., "Recovery of Mitogenic Activityof a Growth Factor Mutant with a Nuclear Translocation Sequence", <i>Science</i> , 1990 , 249, 1567-1570	
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CS	21	International Search Report for PCT/US99/30534, mailed September 1, 2000	
CS	22	Issachi, A. et al., "A Mutant of Basic Fibroblast Growth Factor that has Lost the Ability to Stimulate Plasminogen Activator Synthesis in Endothelial Cells", <i>Ann. NY Acad. Sci.</i> , 1991, 638, 369-377	
CS	23	Isacchi, A. et al., "A Six-Amino Acid Deletion in Basic Fibroblast Growth Factor Dissociates its Mitogenic Activity from its Plasminogen Activator-Inducing Capacity", <i>Proc. Natl. Acad. Sci.</i> , 1991, 88, 2628-2632	
CS	24	Kusstascher, S. et al., "Different Molecular Forms of Basic Fibroblast Growth Factor (bFGF) Accelerate Duodenal Ulcer Healing in Rats", <i>J. Pharmacol. Exp. Ther.</i> , 1995, 275, 456-461	
CS	25	Li, L.Y et al., "Diminished Heparin binding of a Basic Fibroblast Growth Factor Mutant is Associated with Reduced Binding, mitogenesis, Plasminogen Activator and in Vitro Angiogenesis", <i>Biochemistry</i> , 1994, 33, 10999-11007	
CS	26	Liszewski, K., "Companies Aim Novel Therapeutic Strategies at Dual Nature of Angiogenesis", <i>Gen. Eng. News</i> , May 1, 1997, 6 pages	
CS	27	Logan, A. et al., "Transforming Growth Factor- β 1 and Basic Fibroblast Growth Factor in the Injured CNS", <i>TIPS</i> , 1993, 14, 337-343	
CS	28	Martin, P. "Wound Healing-Aiming for Perfect Skin Regeneration", <i>Science</i> , 1997, 276, 75-81	
CS	29	Ornitz, D.M. et al., "FGF Binding and FGF Receptor Activated by Synthetic Heparan-Derived Di-and Trisaccharides", <i>Science</i> , 1995, 268, 432-436	
CS	30	Pantoliano, M.W. et al., "Multivalent Ligand-Receptor Binding Interactions in the Fibroblast Growth Factor System Produce a Cooperative Growth Factor and Heparin Mechanism for Receptor Dimerization", <i>Biochemistry</i> , 1994, 33, 10229-10248	
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CS	31	Presta, M. et al., "Structure-Function Relationship of Basic Fibroblast Growth Factor: Site-Directed Mutagenesis of a Putative Heparin-Binding and Receptor-Binding Region", <i>Biochem. Biophys. Res. Comm</i> , 1992, 185(3), 1098-1107	
CS	32	Robinson, C.J. "Growth Factors in Wound Healing", <i>TIBTECH</i> , 1992, 10, 301-302	
CS	33	SCIOS Annual Report, "Fiblast: A Special Report, 1996, 8 pages	
CS	34	Seddon, A.P. et al., "Engineering of Fibroblast Growth Factor: Alteration of Receptor Binding Specificity", <i>Biochemistry</i> , 1995, 34, 731-736	
CS	35	Seno, M. et al., "Carboxyl-Terminal Structure of Basic Fibroblast Growth Factor Significantly Contributes to its affinity for Heparin", <i>Eur. J. Biochem</i> , 1990, 188, 239-245	
CS	36	Slavin, J. "The Role of Cytokines in Wound Healing", <i>J. Pathol</i> , 1996, 178, 5-10	
CS	37	Springer, B.A. et al., "Identification and Concerted Function of Two Receptor Binding Surfaces on Basic Fibroblast Growth Factor Required for Mitogenesis", <i>J. Biol. Chem.</i> , 1994, 269(43), 26879-26884	
CS	38	Ten Dijke, P. et al., "Growth Factors for Wound Healing", <i>Bio/Technology</i> , 1989, 7, 793-798	
CS	39	Thompson, L.D. et al., "Energetic Characterization of the Basic Fibroblast Growth Factor-Heparin Interaction: Identification of the Heparin Binding Domain", <i>Biochemistry</i> , 1994, 33(13), 3831-3840	
CS	40	Van Brunt, J. et al., "Growth Factors Speed Wound Healing", <i>Bio/Technology</i> , 1988, 6(1), 25-30	
EXAMINER		/Christine Saoud/	DATE CONSIDERED 06/27/2006



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CS	41	Watson, J. et al., <i>Molecular Biology of the Gene</i> , 1987, 1, 226-227	
CS	42	Wong, P. et al., "Analysis of Putative eparin-binding domains of fibroblast Growth Factor-1", <i>J. Biol. Chem.</i> , 1995, 270(43), 25805-25811	
CS	43	Young, W., "Spinal Cord Regeneration", <i>Science</i> , 1996, 273, 451	
CS	44	Zhang, J. et al., "Three-Dimensional Structure of Human Basic Fibroblast Growth Factor, a Structural Homolog of Interleukin 1 β ", <i>Proc. Natl. Acad. Sci.</i> 1991, 88, 3446-3450	
CS	45	Zhu, X. et al., "Structural Studies of the Binding of the Anti-Ulcer Drug Sucroses Octasulfate to Acidic Fibroblast Growth Factor", <i>Structure</i> , 1993, 1, 27-34	
CS	46	Zhu, X. , "Three-Dimensional Structures of Acidic and Basic Fibroblast Growth Factors", <i>Science</i> , 1991, 251, 90-93	
CS	47	Zhu, H. et al., "Glu-96 of Basic Fibroblast Growth Factor is Essential for High Affinity Receptor Binding", <i>J. Bol. Chem.</i> , 1995, 270(37),21869-21874	
EXAMINER		/Christine Saoud/	DATE CONSIDERED 06/27/2006

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U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
CS	48	4,785,079	11/15/88	Gospodarowicz, et al.	530	399	
CS	49	4,902,782	02/20/90	Gospodarowicz, et al.	530	399	
CS	50	4,956,455	09/11/90	Esch, et al.	530	399	
CS	51	4,994,559	02/19/91	Moscattelli, et al.	530	399	
CS	52	5,026,839	06/25/91	Moscattelli, et al.	536	27	
CS	53	5,130,418	07/14/92	Thompson, S.A.	510	399	
CS	54	5,132,408	07/21/92	Baird, et al.	510	399	
CS	55	5,136,025	08/04/92	Scheuermann, et al.	503	413	
CS	56	5,143,829	09/01/92	Thompson, et al.	435	694	
CS	57	5,155,214	10/13/92	Baird, et al.	530	399	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
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U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
CS	58	5,191,067	03/02/93	Lappi, et al.	530	399	
CS	59	5,206,354	04/27/93	Seddon, et al.	536	23.5	
CS	60	5,217,954	06/08/93	Foster, et al.	514	12	
CS	61	5,252,718	10/12/93	Baid, et al.	580	399	
CS	62	5,302,702	04/12/94	Seddon, et al.	530	399	
CS	63	5,310,883	05/10/94	Seddon, et al.	510	399	
CS	64	5,331,095	07/19/94	Shadle, et al.	530	399	
CS	65	5,332,804	07/26/94	Florkiewicz, et al.	530	399	
CS	66	5,348,863	09/20/94	Monsan, et al.	435	68.1	
CS	67	5,350,836	09/27/94	Kopchick, et al.	530	399	
FOREIGN PATENT DOCUMENTS							
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U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
CS	68	5,352,589	10/04/94	Bergonzoni, et al.	435	69.4	
CS	69	5,360,896	11/01/94	Senoo, et al.	530	399	
CS	70	5,371,206	12/06/94	Seddon, et al.	536	23.5	
CS	71	5,387,673	02/07/95	Seddon, et al.	530	399	
CS	72	5,439,818	08/08/95	Fiddes, et al.	435	240.2	
CS	73	5,459,250	10/17/95	Basilico, et al.	536	23.5	
CS	74	5,464,774	11/07/95	Baird, et al.	536	23.51	
CS	75	5,478,804	12/26/95	Calabresi, et al.	514	2	
CS	76	5,482,929	01/09/96	Fukunaga, et al.	514	12	
CS	77	5,491,220	02/13/96	Seddon, et al.	530	399	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
CS	78	WO 96/22369	07/25/96	PCT			
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U. S. PATENT DOCUMENTS							
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CS	79	5,514,566	05/07/96	Fiddes, et al.	435	69.1	
CS	80	5,514,652	05/07/96	Watanuki, et al.	514	12	
CS	81	5,576,288	11/19/96	Lappi, et al.	514	2	
CS	82	5,604,293	02/18/97	Fiddes, et al.	530	399	
CS	83	5,612,211	03/18/97	Wilson, et al.	435	378	
CS	84	5,614,496	03/25/97	Dunstan, et al.	514	12	
CS	85	5,656,598	08/12/97	Dunstan, et al.	514	12	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
CS	86	EP 0 237 966 A2	09/23/87	EPO			
CS	87	EP 0 281 822 A2	09/14/88	EPO			
CS	88	EP 0 363 675 A1	04/18/90	EPO			
CS	89	EP 0 420 222 A1	04/03/91	EPO			
CS	90	EP 0 510 662 A1	10/28/92	EPO			
CS	91	EP 0 281 822 B1	07/20/94	EPO			
CS	92	WO 90/02800	03/22/90	PCT			
CS	93	WO 91/09126	06/27/91	PCT			
CS	94	WO 91/14785	10/03/91	PCT			
CS	95	WO 95/08630	03/30/95	PCT			
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